



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 12491941
SAU: MSAD 55
School: Sacopee Valley Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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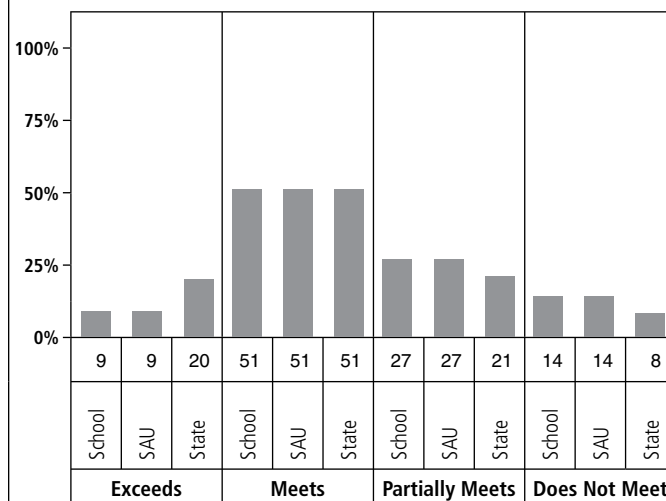
SUMMARY OF SCORES

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

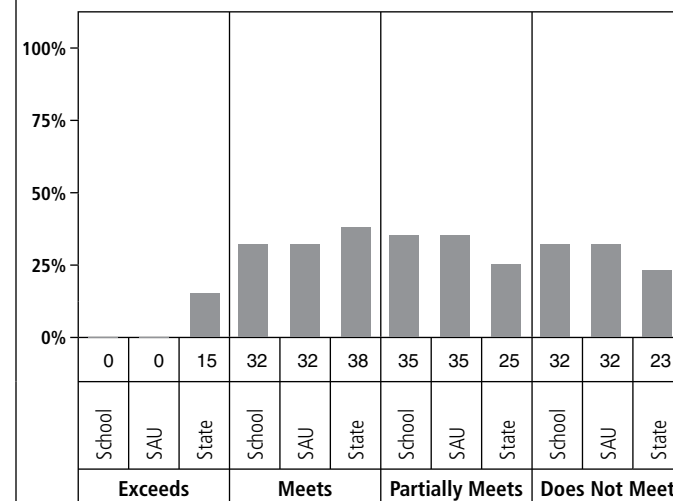
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading 2006–2007 2007–2008 2008–2009 Cum. Avg.*	847 845	841 847 845 844	847 849 850 849
Mathematics 2006–2007 2007–2008 2008–2009 Cum. Avg.*	834 835	835 834 835 835	842 841 843 842
Science 2008–2009 **	838	838	846

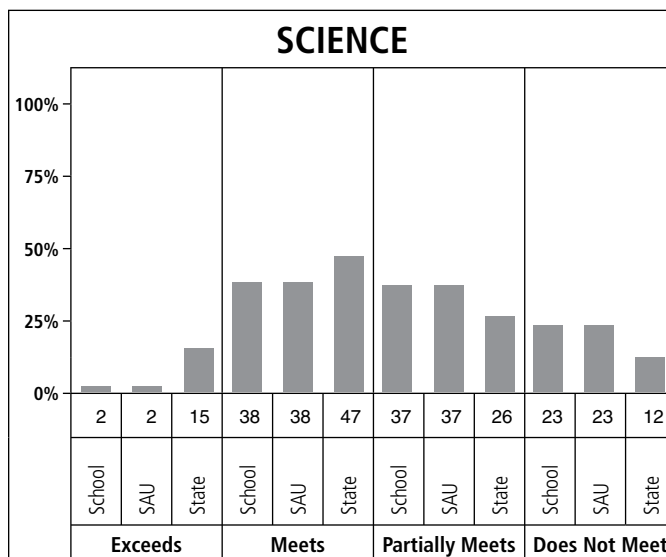
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
Total number of students	99	100	99	100	14804	100	96	97	96	97	14659	99	96	97	96	97	14653	99	95	96	95	96	14626	99
Ethnicity African American/Black	1	1	1	1	377	3	1	100	1	100	366	97	1	100	1	100	371	98	0	0	0	0	367	97
American Indian or Native Alaskan	0	0	0	0	119	1	0	0	0	0	117	99	0	0	0	0	115	97	0	0	0	0	116	98
Asian or Pacific Islander	1	1	1	1	238	2	1	100	1	100	232	97	1	100	1	100	234	98	1	100	1	100	234	98
Hispanic	1	1	1	1	192	1	1	100	1	100	188	98	1	100	1	100	191	100	1	100	1	100	190	99
Caucasian/White	96	97	96	97	13878	94	93	97	93	97	13756	99	93	97	93	97	13742	99	93	97	93	97	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	23	23	23	23	2489	17	22	96	22	96	2434	99	22	96	22	96	2424	98	22	96	22	96	2418	98
Current LEP	1	1	1	1	349	2	1	100	1	100	331	95	1	100	1	100	342	98	1	100	1	100	338	97
Economically disadvantaged	48	48	48	48	5460	37	48	100	48	100	5380	99	48	100	48	100	5377	99	47	98	47	98	5359	98
Migrant	0	0	0	0	6	0	0	0	0	0	6	100	0	0	0	0	6	100	0	0	0	0	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%	
Participation without accommodations	79	80	79	80	12132	82	79	80	79	80	12124	82	78	79	78	79	12169	82
Identified disability (PET/IEP)	5	6	5	6	379	3	5	6	5	6	380	3	5	6	5	6	425	3
LEP	1	1	1	1	166	1	1	1	1	1	169	1	1	1	1	1	168	1
504 plan	0	0	0	0	200	2	0	0	0	0	200	2	0	0	0	0	202	2
Participation with accommodations	14	14	14	14	2349	16	14	14	14	14	2347	16	14	14	14	14	2288	15
Identified disability (PET/IEP)	14	100	14	100	1877	80	14	100	14	100	1862	79	14	100	14	100	1824	80
LEP	0	0	0	0	158	7	0	0	0	0	167	7	0	0	0	0	165	7
504 plan	0	0	0	0	70	3	0	0	0	0	70	3	0	0	0	0	66	3
Other	0	0	0	0	292	12	0	0	0	0	297	13	0	0	0	0	280	12
Participation through alternate assessment (PAAP)	3	3	3	3	178	1	3	3	3	3	182	1	3	3	3	3	169	1
Identified disability (PET/IEP)	3	100	3	100	178	100	3	100	3	100	182	100	3	100	3	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	3	3	3	3	113	1	3	3	3	3	117	1	4	4	4	4	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007			5	5	2407	16
	2007-2008	16	14	16	14	3428	23
	2008-2009	8	9	8	9	2857	20
	Cum. Total*			29	9	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007			44	44	7494	49
	2007-2008	62	53	62	53	7179	48
	2008-2009	47	51	47	51	7431	51
	Cum. Total*			153	49	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007			32	32	3628	24
	2007-2008	31	26	31	26	2706	18
	2008-2009	25	27	25	27	2979	21
	Cum. Total*			88	28	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007			18	18	1810	12
	2007-2008	9	8	9	8	1611	11
	2008-2009	13	14	13	14	1214	8
	Cum. Total*			40	13	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	32.1	57.3	32.1	57.3	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	11.2	56.0	11.2	56.0	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	21.0	58.3	21.0	58.3	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.

ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	93	8	9	47	51	25	27	13	14	845	93	9	51	27	14	845	14481	20	51	21	8	850
Ethnicity																						
African American/Black	1										1						362	8	43	29	20	843
American Indian or Native Alaskan	0										0						116	10	46	26	18	843
Asian or Pacific Islander	1										1						231	28	43	19	10	851
Hispanic	1										1						186	17	48	23	12	847
Caucasian/White	90	8	9	47	52	23	26	12	13	845	90	9	52	26	13	845	13586	20	52	20	8	850
Not Reported	0										0						0					
Identified disability																						
Yes	19	0	0	3	16	8	42	8	42	833	19	0	16	42	42	833	2256	2	25	40	34	834
No	74	8	11	44	59	17	23	5	7	848	74	11	59	23	7	848	12225	23	56	17	4	853
Current LEP																						
Yes	1										1						324	5	34	36	26	838
No	92	8	9	47	51	24	26	13	14	845	92	9	51	26	14	845	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	46	1	2	20	43	15	33	10	22	840	46	2	43	33	22	840	5277	10	46	29	15	844
No	47	7	15	27	57	10	21	3	6	850	47	15	57	21	6	850	9204	26	54	16	5	853
Migrant																						
Yes	0										0						5	0	40	60	0	841
No	93	8	9	47	51	25	27	13	14	845	93	9	51	27	14	845	14476	20	51	21	8	850
Gender																						
Female	45	7	16	23	51	10	22	5	11	848	45	16	51	22	11	848	7074	25	51	18	6	852
Male	48	1	2	24	50	15	31	8	17	842	48	2	50	31	17	842	7407	14	51	23	11	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	9	43	35	14	843
No	93	8	9	47	51	25	27	13	14	845	93	9	51	27	14	845	13624	20	52	20	8	850
Gifted/talented program																						
Yes	2										2						700	69	30	1	0	867
No	91	8	9	45	49	25	27	13	14	845	91	9	49	27	14	845	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	1	25	2	50	1	25	835	4	0	25	50	25	835	8	8	39	29	24	841
B. less than one hour	75	7	10	38	55	14	20	10	14	846	75	10	55	20	14	846	51	17	53	22	8	849
C. one to two hours	20	1	6	7	39	8	44	2	11	843	20	6	39	44	11	843	36	24	52	18	5	852
D. more than two hours	1	0	0	1	100	0	0	0	0	846	1	0	100	0	0	846	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	23	3	14	14	67	3	14	1	5	852	23	14	67	14	5	852	31	35	50	11	4	856
B. good	35	5	16	20	63	6	19	1	3	851	35	16	63	19	3	851	47	16	55	21	7	849
C. fair	35	0	0	13	41	10	31	9	28	837	35	0	41	31	28	837	18	5	47	33	15	842
D. poor	8	0	0	0	0	5	71	2	29	831	8	0	0	71	29	831	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	25	2	9	15	65	3	13	3	13	847	25	9	65	13	13	847	32	27	54	14	5	853
B. They match some of what I have learned.	62	4	7	28	49	17	30	8	14	844	62	7	49	30	14	844	52	18	53	22	8	850
C. They match just a little of what I have learned.	13	2	17	4	33	4	33	2	17	842	13	17	33	33	17	842	12	11	45	29	15	844
D. There is no match.	0										0						4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	15	0	0	7	50	5	36	2	14	841	15	0	50	36	14	841	15	13	42	28	17	844
B. about the same as my regular schoolwork	55	3	6	30	59	11	22	7	14	846	55	6	59	22	14	846	64	19	53	20	7	850
C. easier than my regular schoolwork	29	5	19	10	37	8	30	4	15	845	29	19	37	30	15	845	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	4	0	0	1	25	1	25	2	50	831	4	0	25	25	50	831	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	51	2	4	23	50	13	28	8	17	841	51	4	50	28	17	841	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	45	6	15	23	56	10	24	2	5	851	45	15	56	24	5	851	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	28	3	12	13	50	7	27	3	12	848	28	12	50	27	12	848	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	62	4	7	31	54	15	26	7	12	844	62	7	54	26	12	844	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	10	1	11	3	33	2	22	3	33	841	10	11	33	22	33	841	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	18	3	18	10	59	4	24	0	0	851	18	18	59	24	0	851	19	26	53	15	6	853
B. 20 minutes to an hour	24	4	18	7	32	6	27	5	23	844	24	18	32	27	23	844	40	25	52	17	6	852
C. less than 20 minutes	22	1	5	11	55	6	30	2	10	846	22	5	55	30	10	846	15	18	51	21	10	849
D. I rarely read at home.	36	0	0	19	58	8	24	6	18	842	36	0	58	24	18	842	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	37	4	12	19	56	8	24	3	9	849	37	12	56	24	9	849	42	27	51	15	6	853
B. agree	52	4	8	22	46	13	27	9	19	842	52	8	46	27	19	842	50	15	53	23	9	848
C. disagree	8	0	0	5	71	2	29	0	0	847	8	0	71	29	0	847	7	8	46	32	14	843
D. strongly disagree	3	0	0	1	33	1	33	1	33	834	3	0	33	33	33	834	2	6	39	35	21	840
Optional school/SAU question																						
A.	67	0	0	1	25	2	50	1	25	839	67	0	25	50	25	839						
B.	17	0	0	0	0	1	100	0	0	832	17	0	0	100	0	832						
C.	17	0	0	0	0	1	100	0	0	834	17	0	0	100	0	834						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007			2	2	1952	13
	2007-2008	2	2	2	2	1657	11
	2008-2009	0	0	0	0	2116	15
	Cum. Total*			4	1	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007			31	31	5870	38
	2007-2008	35	30	35	30	5956	40
	2008-2009	30	32	30	32	5443	38
	Cum. Total*			96	31	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007			33	33	3982	26
	2007-2008	39	33	39	33	3729	25
	2008-2009	33	35	33	35	3556	25
	Cum. Total*			105	34	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007			33	33	3534	23
	2007-2008	42	36	42	36	3579	24
	2008-2009	30	32	30	32	3356	23
	Cum. Total*			105	34	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	23.4	41.8	23.4	41.8	28.6	51.1
A. Number	8	14	3.5	43.8	3.5	43.8	3.7	46.3
B. Data	16	29	7.2	45.0	7.2	45.0	8.9	55.6
C. Geometry	12	21	4.1	34.2	4.1	34.2	5.0	41.7
D. Algebra	20	36	8.7	43.5	8.7	43.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.



MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 55
 School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	93	0	0	30	32	33	35	30	32	835	93	0	32	35	32	835	14471	15	38	25	23	843
Ethnicity																						
African American/Black	1										1						367	6	24	26	44	831
American Indian or Native Alaskan	0										0						114	5	31	32	32	836
Asian or Pacific Islander	1										1						233	27	33	20	21	847
Hispanic	1										1						190	8	31	26	34	836
Caucasian/White	90	0	0	30	33	31	34	29	32	835	90	0	33	34	32	835	13567	15	38	25	22	843
Not Reported	0										0						0					
Identified disability																						
Yes	19	0	0	3	16	6	32	10	53	825	19	0	16	32	53	825	2242	2	12	22	63	824
No	74	0	0	27	36	27	36	20	27	837	74	0	36	36	27	837	12229	17	42	25	16	846
Current LEP																						
Yes	1										1						336	6	18	26	51	829
No	92	0	0	30	33	32	35	30	33	835	92	0	33	35	33	835	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	46	0	0	9	20	17	37	20	43	830	46	0	20	37	43	830	5270	6	30	28	36	835
No	47	0	0	21	45	16	34	10	21	839	47	0	45	34	21	839	9201	20	42	22	16	847
Migrant																						
Yes	0										0						5	0	0	40	60	828
No	93	0	0	30	32	33	35	30	32	835	93	0	32	35	32	835	14466	15	38	25	23	843
Gender																						
Female	45	0	0	18	40	13	29	14	31	836	45	0	40	29	31	836	7070	15	39	25	22	843
Male	48	0	0	12	25	20	42	16	33	834	48	0	25	42	33	834	7401	14	36	25	25	842
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						857	5	25	33	37	835
No	93	0	0	30	32	33	35	30	32	835	93	0	32	35	32	835	13614	15	38	24	22	843
Gifted/talented program																						
Yes	2										2						700	68	27	3	1	866
No	91	0	0	28	31	33	36	30	33	834	91	0	31	36	33	834	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
		%	N	%	N	%	N	%	N													
How much homework do you do on school nights?																						
A. none	4	0	0	1	25	1	25	2	50	828	4	0	25	25	50	828	8	8	24	24	44	833
B. less than one hour	75	0	0	21	30	27	39	21	30	835	75	0	30	39	30	835	51	12	38	26	23	842
C. one to two hours	20	0	0	8	44	3	17	7	39	836	20	0	44	17	39	836	36	19	40	23	19	845
D. more than two hours	1	0	0	0	0	1	100	0	0	832	1	0	0	100	0	832	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	26	0	0	13	54	4	17	7	29	840	26	0	54	17	29	840	28	33	41	15	11	852
B. good	42	0	0	13	34	18	47	7	18	838	42	0	34	47	18	838	45	11	43	25	21	842
C. fair	27	0	0	3	12	10	40	12	48	827	27	0	12	40	48	827	21	3	27	35	35	834
D. poor	4	0	0	0	0	0	0	4	100	818	4	0	0	0	100	818	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	17	0	0	5	31	6	38	5	31	835	17	0	31	38	31	835	28	23	41	21	15	848
B. They match some of what I have learned.	53	0	0	20	41	16	33	13	27	838	53	0	41	33	27	838	52	13	40	25	21	843
C. They match just a little of what I have learned.	27	0	0	5	20	10	40	10	40	830	27	0	20	40	40	830	16	8	28	30	34	836
D. There is no match.	2	0	0	0	0	0	0	2	100	809	2	0	0	0	100	809	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	45	0	0	15	37	12	29	14	34	834	45	0	37	29	34	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	49	0	0	14	31	18	40	13	29	835	49	0	31	40	29	835	52	13	41	25	20	843
C. easier than my regular schoolwork	7	0	0	1	17	2	33	3	50	834	7	0	17	33	50	834	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	32	0	0	11	38	8	28	10	34	834	32	0	38	28	34	834	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	63	0	0	18	32	22	39	17	30	835	63	0	32	39	30	835	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	1	20	1	20	3	60	830	5	0	20	20	60	830	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	1	0	0	0	0	0	0	1	100	816	1	0	0	0	100	816	34	18	40	22	20	845
B. two or three days a week	9	0	0	0	0	5	63	3	38	826	9	0	0	63	38	826	35	14	38	26	21	843
C. two or three times each month	51	0	0	19	40	14	30	14	30	838	51	0	40	30	30	838	18	12	37	27	24	841
D. never or almost never	39	0	0	11	31	13	36	12	33	833	39	0	31	36	33	833	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	3	0	0	0	0	2	67	1	33	830	3	0	0	67	33	830	9	13	38	23	26	841
B. two or three days a week	9	0	0	1	13	4	50	3	38	829	9	0	13	50	38	829	17	11	37	26	26	841
C. two or three times each month	25	0	0	8	35	6	26	9	39	835	25	0	35	26	39	835	28	15	40	25	20	844
D. never or almost never	63	0	0	21	36	20	34	17	29	836	63	0	36	34	29	836	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	48	0	0	19	43	12	27	13	30	837	48	0	43	27	30	837	52	19	41	22	18	846
B. agree	46	0	0	10	24	18	43	14	33	832	46	0	24	43	33	832	39	11	35	27	27	840
C. disagree	5	0	0	1	20	2	40	2	40	835	5	0	20	40	40	835	6	7	28	26	39	835
D. strongly disagree	1	0	0	0	0	0	0	1	100	826	1	0	0	0	100	826	3	4	25	28	43	832
Optional school/SAU question																						
A.	67	0	0	1	25	1	25	2	50	832	67	0	25	25	50	832						
B.	17	0	0	0	0	0	0	1	100	816	17	0	0	0	100	816						
C.	17	0	0	0	0	0	0	1	100	824	17	0	0	0	100	824						
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	2	2	2	2	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	35	38	35	38	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	34	37	34	37	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	21	23	21	23	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	27.2	48.6	27.2	48.6	32.0	57.1
D. The Physical Setting	31	55	14.3	46.1	14.3	46.1	17.1	55.2
D1/D2 Earth/Space	17	30	7.6	44.7	7.6	44.7	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	6.7	47.9	6.7	47.9	7.7	55.0
E. The Living Environment	25	45	12.8	51.2	12.8	51.2	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: MSAD 55
 School: Sacopee Valley Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	92	2	2	35	38	34	37	21	23	838	92	2	38	37	23	838	14263	15	47	26	12	846
Ethnicity																						
African American/Black	0										0						360	4	31	35	30	835
American Indian or Native Alaskan	0										0						114	8	39	31	22	839
Asian or Pacific Islander	1										1						230	20	44	23	13	848
Hispanic	1										1						184	9	45	29	16	842
Caucasian/White	90	2	2	35	39	32	36	21	23	838	90	2	39	36	23	838	13375	15	47	25	12	846
Not Reported	0										0						0					
Identified disability																						
Yes	19	0	0	3	16	8	42	8	42	831	19	0	16	42	42	831	2221	3	22	36	38	832
No	73	2	3	32	44	26	36	13	18	840	73	3	44	36	18	840	12042	17	51	24	7	848
Current LEP																						
Yes	1										1						331	4	20	39	37	832
No	91	2	2	35	38	33	36	21	23	838	91	2	38	36	23	838	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	45	0	0	13	29	20	44	12	27	835	45	0	29	44	27	835	5184	6	40	33	21	840
No	47	2	4	22	47	14	30	9	19	841	47	4	47	30	19	841	9079	20	51	21	8	849
Migrant																						
Yes	0										0						5	0	0	80	20	829
No	92	2	2	35	38	34	37	21	23	838	92	2	38	37	23	838	14258	15	47	26	12	846
Gender																						
Female	44	1	2	18	41	16	36	9	20	839	44	2	41	36	20	839	6953	14	47	28	11	846
Male	48	1	2	17	35	18	38	12	25	838	48	2	35	38	25	838	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	0										0						828	5	35	40	20	839
No	92	2	2	35	38	34	37	21	23	838	92	2	38	37	23	838	13435	16	48	25	12	846
Gifted/talented program																						
Yes	2										2						699	65	34	2	0	865
No	90	2	2	33	37	34	38	21	23	838	90	2	37	38	23	838	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
Grade: 8
SAU: MSAD 55
School: Sacopee Valley Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	4	0	0	1	25	2	50	1	25	830	4	0	25	50	25	830	8	8	34	28	30	837
B. less than one hour	75	2	3	25	36	25	36	17	25	839	75	3	36	36	25	839	51	14	48	27	11	846
C. one to two hours	20	0	0	8	44	7	39	3	17	838	20	0	44	39	17	838	36	19	48	24	9	848
D. more than two hours	1	0	0	1	100	0	0	0	0	852	1	0	100	0	0	852	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	14	1	8	8	62	2	15	2	15	843	14	8	62	15	15	843	23	27	47	17	8	851
B. good	49	1	2	19	42	18	40	7	16	841	49	2	42	40	16	841	53	15	50	26	10	847
C. fair	32	0	0	8	28	12	41	9	31	834	32	0	28	41	31	834	20	4	43	35	18	840
D. poor	5	0	0	0	0	2	40	3	60	828	5	0	0	40	60	828	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	16	0	0	5	33	8	53	2	13	838	16	0	33	53	13	838	26	20	49	23	9	849
B. They match some of what I have learned.	51	1	2	21	45	14	30	11	23	840	51	2	45	30	23	840	51	14	48	26	11	846
C. They match just a little of what I have learned.	30	1	4	9	32	11	39	7	25	838	30	4	32	39	25	838	18	13	44	28	15	844
D. There is no match.	2	0	0	0	0	1	50	1	50	825	2	0	0	50	50	825	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	40	0	0	12	32	15	41	10	27	836	40	0	32	41	27	836	32	13	45	28	14	844
B. about the same as my regular schoolwork	47	1	2	19	44	16	37	7	16	840	47	2	44	37	16	840	56	15	49	25	11	847
C. easier than my regular schoolwork	13	1	8	4	33	3	25	4	33	839	13	8	33	25	33	839	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	30	0	0	15	56	9	33	3	11	841	30	0	56	33	11	841	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	62	2	4	19	35	21	38	13	24	839	62	4	35	38	24	839	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	8	0	0	1	14	2	29	4	57	829	8	0	14	29	57	829	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	26	0	0	11	48	9	39	3	13	841	26	0	48	39	13	841	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	18	1	6	5	31	4	25	6	38	834	18	6	31	25	38	834	23	17	49	22	12	847
C. the course(s) described in B, plus physics	23	1	5	11	52	5	24	4	19	842	23	5	52	24	19	842	21	31	44	17	7	852
D. a life science and physical science class	33	0	0	8	27	15	50	7	23	836	33	0	27	50	23	836	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	24	1	5	13	59	4	18	4	18	844	24	5	59	18	18	844	27	23	47	20	10	849
B. agree	34	1	3	7	23	15	48	8	26	835	34	3	23	48	26	835	37	14	47	27	12	846
C. disagree	29	0	0	11	42	10	38	5	19	840	29	0	42	38	19	840	25	11	48	29	12	845
D. strongly disagree	13	0	0	3	25	5	42	4	33	833	13	0	25	42	33	833	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	21	1	5	10	53	3	16	5	26	843	21	5	53	16	26	843	31	22	46	22	10	849
B. agree	56	0	0	18	36	21	42	11	22	837	56	0	36	42	22	837	50	14	49	26	11	846
C. disagree	20	1	6	4	22	9	50	4	22	838	20	6	22	50	22	838	14	9	45	31	15	843
D. strongly disagree	3	0	0	1	33	1	33	1	33	833	3	0	33	33	33	833	5	3	38	34	25	837
Optional school/SAU question																						
A.	67	0	0	0	0	3	75	1	25	830	67	0	0	75	25	830						
B.	17	0	0	0	0	0	0	1	100	824	17	0	0	0	100	824						
C.	17	0	0	0	0	0	0	1	100	826	17	0	0	0	100	826						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
N = Number